

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FE053352.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2025 20:04
 Operator : YP\AJ
 Sample : Q1784-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 02:40:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.903	7198227	44.193 ug/ml
Spiked Amount 50.000		Recovery =	88.39%
12) S 1-chlorooctadecane (S...	13.349	7726514	64.364 ug/ml
Spiked Amount 50.000		Recovery =	128.73%
Target Compounds			
1) T n-Nonane (C9)	3.232	2174994	14.047 ug/ml
2) T n-Decane (C10)	4.504	16698468	106.456 ug/ml
3) T A~Naphthalene (C11.7)	6.182	11617175	69.154 ug/ml
4) T n-Dodecane (C12)	6.702	54989519	351.598 ug/ml
5) T A~2-methylnaphthalene...	7.327	21177984	132.727 ug/ml
6) T n-Tetradecane (C14)	8.531	26238420	171.363 ug/ml
7) T n-Hexadecane (C16)	10.138	9644432	62.567 ug/ml
8) T n-Octadecane (C18)	11.585	3076285	20.283 ug/ml
10) T n-Eicosane (C20)	12.899	2990298	20.973 ug/ml
11) T n-Heneicosane (C21)	13.515	2070232	14.918 ug/ml
13) T n-Docosane (C22)	14.102	1598882	11.674 ug/ml
14) T n-Tetracosane (C24)	15.207	6254520	46.310 ug/ml
15) T n-Hexacosane (C26)	16.238	980799	7.352 ug/ml
16) T n-Octacosane (C28)	17.131	5386500	40.817 ug/ml
17) T n-Tricontane (C30)	18.091	1912525	14.110 ug/ml
18) T n-Dotriacontane (C32)	18.925	1881853	13.985 ug/ml
19) T n-Tetratriacontane (C34)	19.661	70999	0.549 ug/ml
20) T n-Hexatriacontane (C36)	20.467	206756	1.741 ug/ml
21) T n-Octatriacontane (C38)	21.210	869840	7.568 ug/ml
22) T n-Tetracontane (C40)	22.137f	4438879	39.522 ug/ml

(f)=RT Delta > 1/2 Window

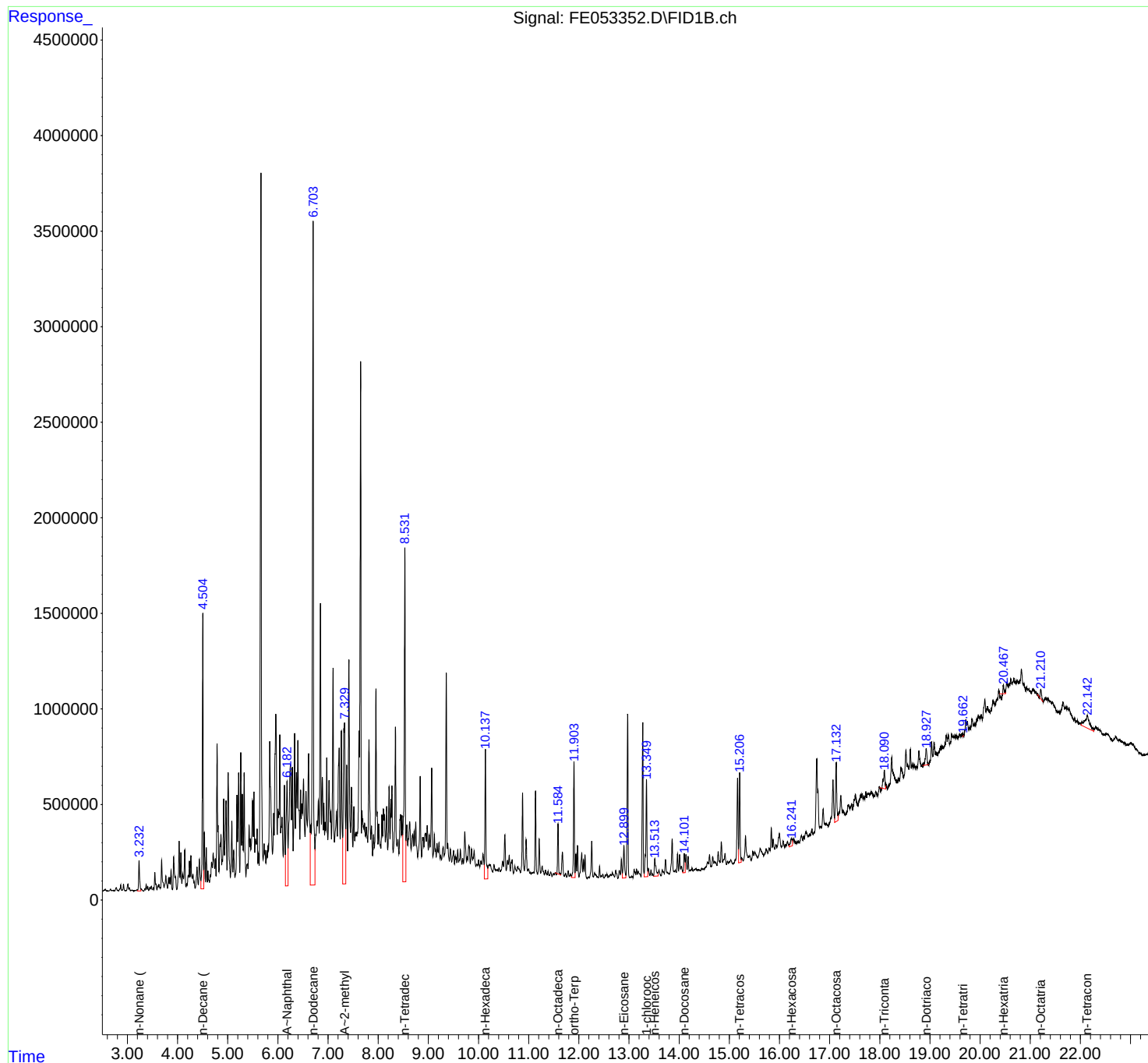
(m)=manual int.

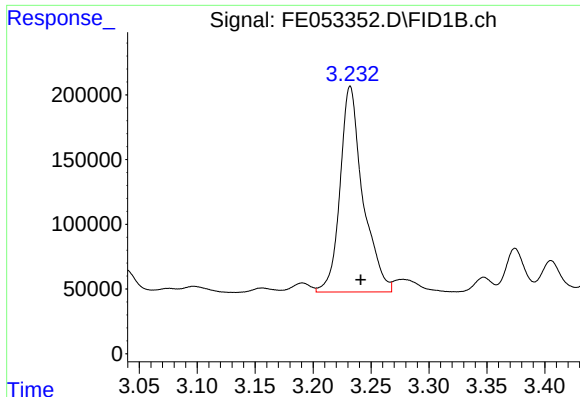
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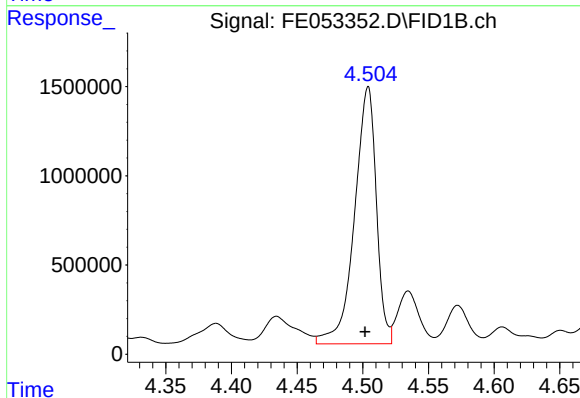




#1 n-Nonane (C9)

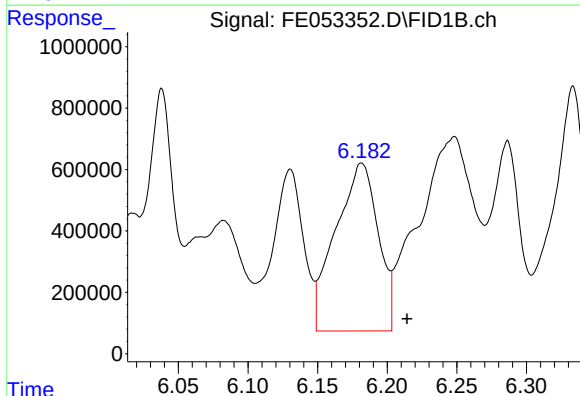
R.T.: 3.232 min
Delta R.T.: -0.009 min
Response: 2174994
Conc: 14.05 ug/ml

Instrument :
FID_E
ClientSampleId :



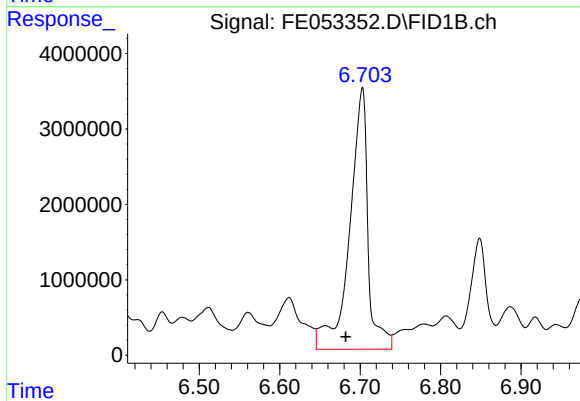
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.002 min
Response: 16698468
Conc: 106.46 ug/ml



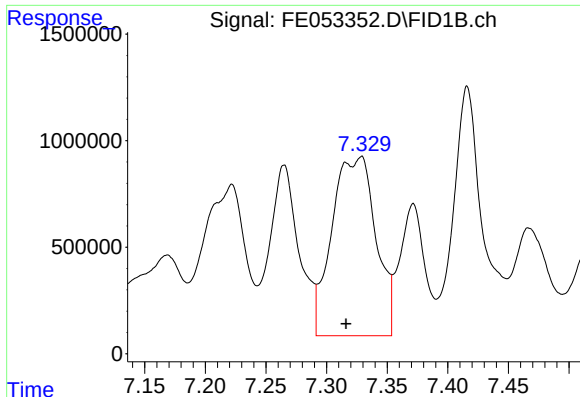
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.033 min
Response: 11617175
Conc: 69.15 ug/ml



#4 n-Dodecane (C12)

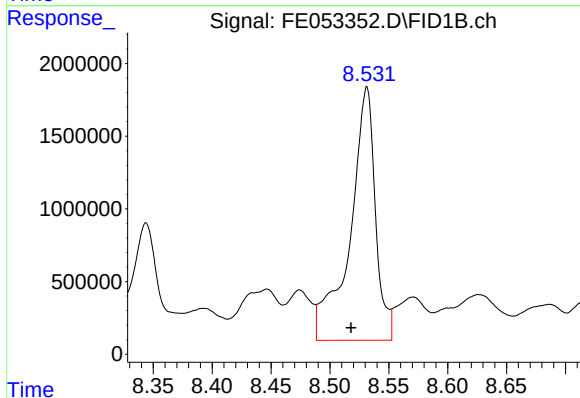
R.T.: 6.702 min
Delta R.T.: 0.020 min
Response: 54989519
Conc: 351.60 ug/ml



#5 A~2-methylnaphthalene (C12.89)

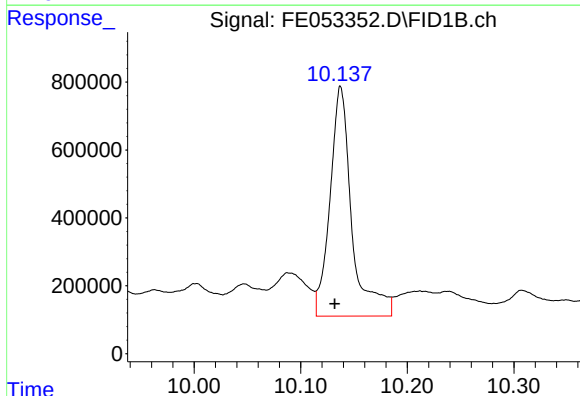
R.T.: 7.327 min
Delta R.T.: 0.011 min
Response: 21177984
Conc: 132.73 ug/ml

Instrument :
FID_E
ClientSampleId :



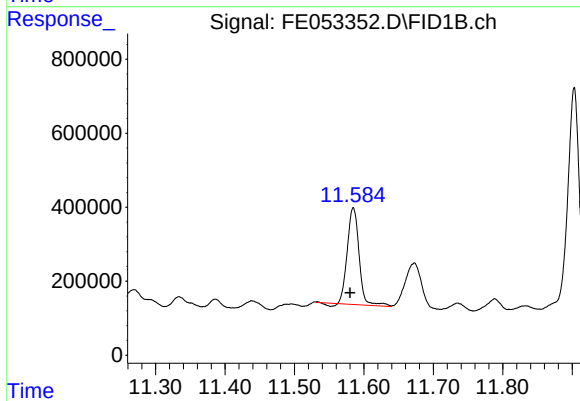
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.013 min
Response: 26238420
Conc: 171.36 ug/ml



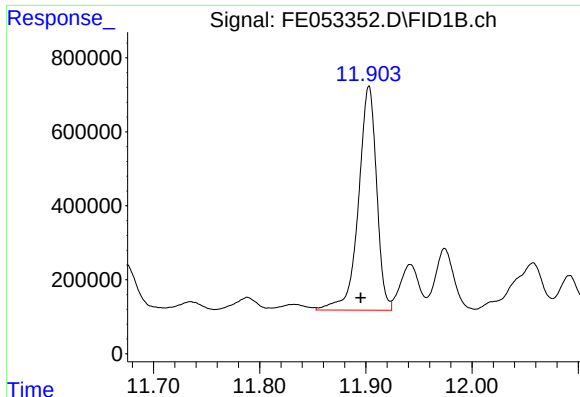
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.006 min
Response: 9644432
Conc: 62.57 ug/ml



#8 n-Octadecane (C18)

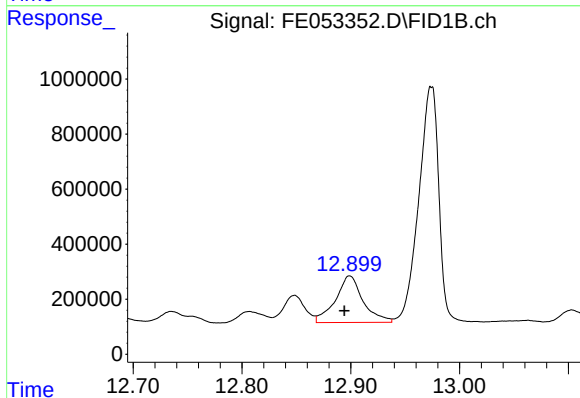
R.T.: 11.585 min
Delta R.T.: 0.005 min
Response: 3076285
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

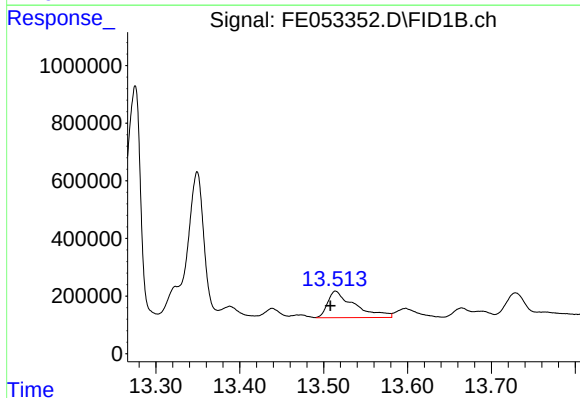
R.T.: 11.903 min
Delta R.T.: 0.008 min
Response: 7198227
Conc: 44.19 ug/ml

Instrument :
FID_E
ClientSampleId :



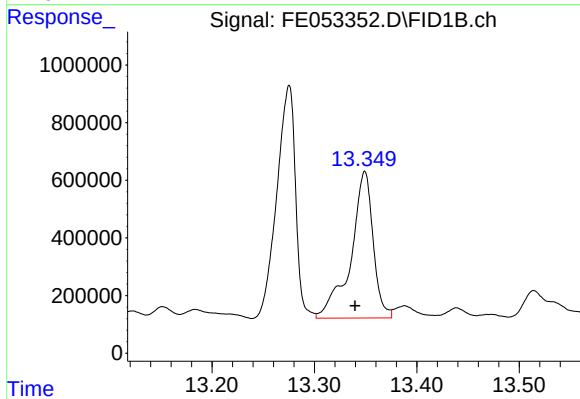
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: 0.005 min
Response: 2990298
Conc: 20.97 ug/ml



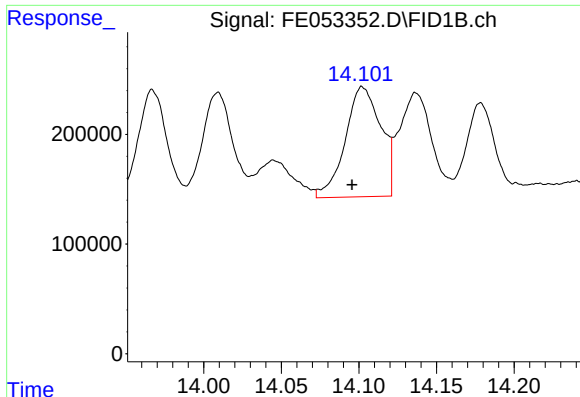
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.007 min
Response: 2070232
Conc: 14.92 ug/ml



#12 1-chlorooctadecane (SURR)

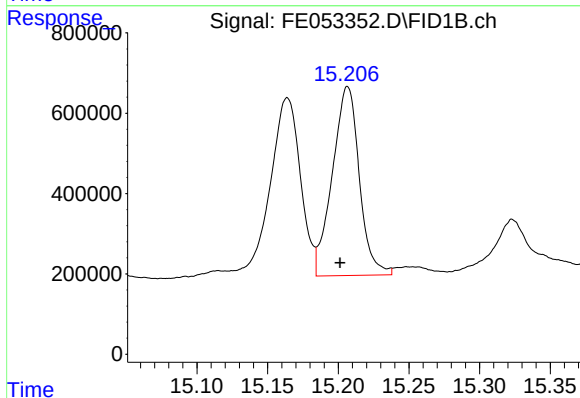
R.T.: 13.349 min
Delta R.T.: 0.009 min
Response: 7726514
Conc: 64.36 ug/ml



#13 n-Docosane (C22)

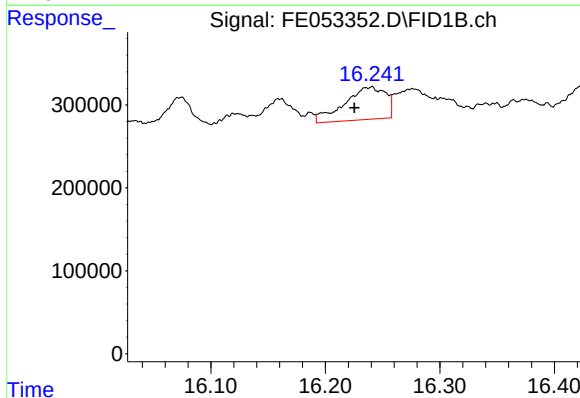
R.T.: 14.102 min
Delta R.T.: 0.007 min
Response: 1598882
Conc: 11.67 ug/ml

Instrument :
FID_E
ClientSampleId :



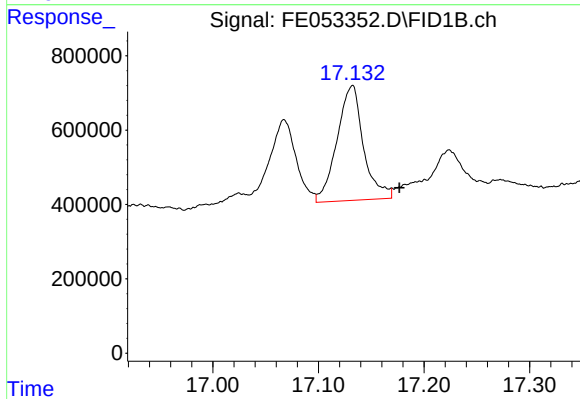
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: 0.005 min
Response: 6254520
Conc: 46.31 ug/ml



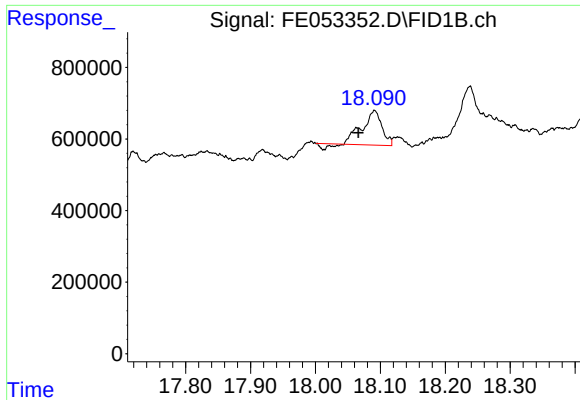
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.013 min
Response: 980799
Conc: 7.35 ug/ml



#16 n-Octacosane (C28)

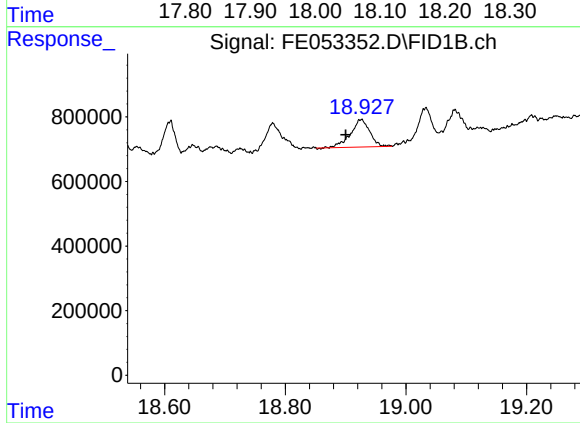
R.T.: 17.131 min
Delta R.T.: -0.045 min
Response: 5386500
Conc: 40.82 ug/ml



#17 n-Tricontane (C30)

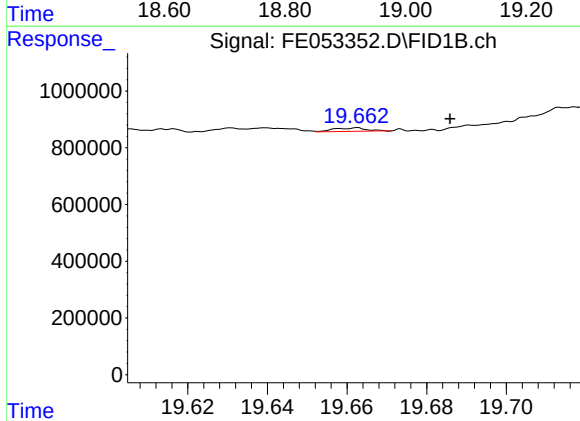
R.T.: 18.091 min
Delta R.T.: 0.024 min
Response: 1912525
Conc: 14.11 ug/ml

Instrument :
FID_E
ClientSampleId :



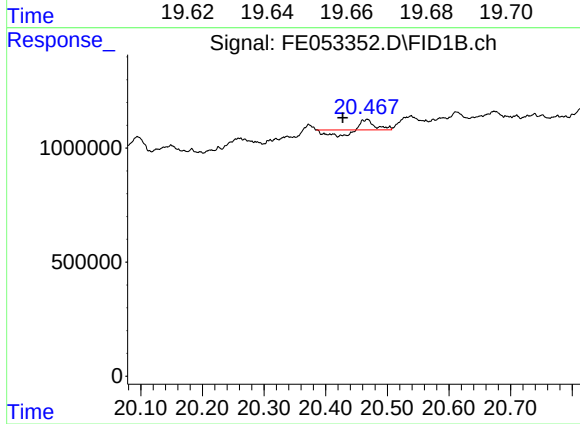
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: 0.025 min
Response: 1881853
Conc: 13.98 ug/ml



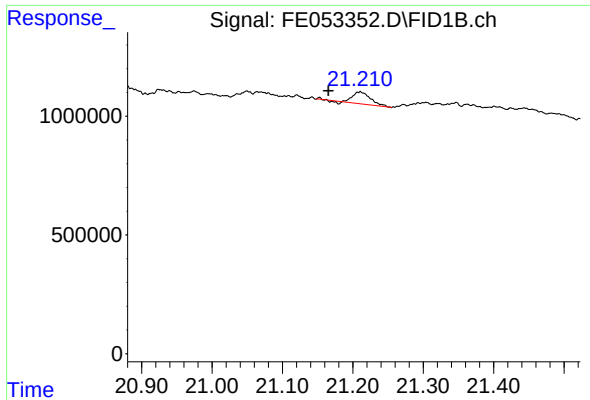
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.025 min
Response: 70999
Conc: 0.55 ug/ml



#20 n-Hexatriacontane (C36)

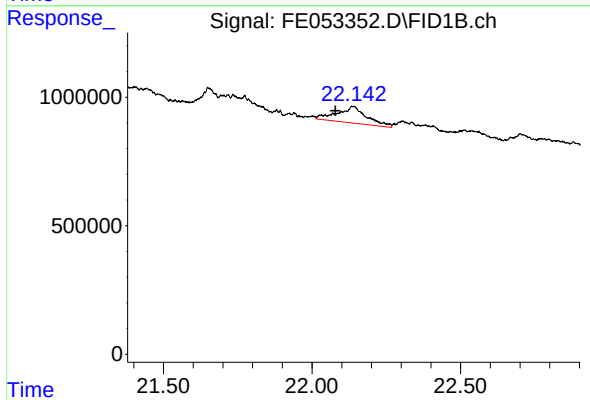
R.T.: 20.467 min
Delta R.T.: 0.039 min
Response: 206756
Conc: 1.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.045 min
Response: 869840
Conc: 7.57 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: 0.059 min
Response: 4438879
Conc: 39.52 ug/ml